

ABSTRACT

A signal transmission arrangement is proposed wherein the transmitter has an electronic circuit that can be connected to an electrical voltage source, and the electronic circuit, via electrical wires (13, 14) connected thereto, can be connected with the voltage source and the control unit of the transmitter. The arrangement further has a metallic plate (16) made of an electrically conducting material, which is associated with the circuit and acts as a sensor. This electronic circuit is arranged in a moisture-tight way in a plastic housing (G) into which the lines (13, 14) are run in a moisture-tight manner. The plate (16) is arranged in an outwardly open cavity located in a wall of the housing (G) and its outer flat surface is covered in a moisture-tight manner by a layer (18) of flexible insulating material that fits tightly and without any gaps against the plate (16).